



## PART B - FEE(S) TRANSMITTAL

N1085-90146

Complete and send this form, together with applicable fee(s), to: **Mail**

**Mail Stop ISSUE FEE**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, Virginia 22313-1450**  
**or Fax (571) 273-2885**

**INSTRUCTIONS:** This form should be used for transmitting the **ISSUE FEE** and **PUBLICATION FEE** (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

54657 7590 10/04/2005

**DUANE MORRIS LLP**  
**IP DEPARTMENT (TSMC)**  
**30 SOUTH 17TH STREET**  
**PHILADELPHIA, PA 19103-4196**

01/04/2006 TBESHAR2 00000052 041679 10661042

01 FC:1501 1400.00 DA  
 02 FC:1504 300.00 DA

**Certificate of Mailing or Transmission**  
 I hereby certify that this Fee(s) Transmittal is being deposited with the United States Patent and Trademark Office, Alexandria, Virginia 22313-1450, for being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

**Steven E. Koffs** (Depositor's name)  
*Steven E. Koffs* (Signature)  
**January 3, 2006** (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/661,042	09/12/2003	Tzong-Shi Jan	TS02-096	6719

TITLE OF INVENTION: MULTI-LAYERED METAL ROUTING TECHNIQUE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	01/04/2006
EXAMINER	ART UNIT	CLASS-SUBCLASS			
POMPEY, RON EVERETT	2812	438-622000			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list  
 (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Taiwan Semiconductor Manufacturing Co. Ltd.

Hsin-Chu  
Taiwan, R.O.C.

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

## 4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☒ Publication Fee (No small entity discount permitted)  
☐ Advance Order - # of Copies

## 4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached.  
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number **04-1679** (enclose an extra copy of this form).

## 5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature *Steven E. Koffs*  
 Typed or printed name **Steven E. Koffs**

Date **January 3, 2006**Registration No. **37,163**

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**Duane Morris**

DUANE MORRIS LLP  
30 SOUTH 17TH STREET  
PHILADELPHIA, PA 19103-4196  
PHONE: 215.979.1000  
FAX: 215.979.1020

## FACSIMILE TRANSMITTAL SHEET

**To:** Mail Stop ISSUE FEE

**FIRM/COMPANY:** United States Patent and Trademark Office  
**Application No.** 10/661,042  
**Filing Date:** 09/12/2003 **Confirmation No.** 6719  
**First Named Inventor:** Tzong-Shi Jan

**FACSIMILE NUMBER:** 571.273.2885

**CONFIRMATION  
TELEPHONE:**

**FROM:** Steven E. Koffs

**DIRECT DIAL:** 215.979.1250

**DATE:** January 3, 2006

**USER NUMBER:** 1442

**FILE NUMBER:** N1085-90146

**TOTAL # OF PAGES:** 3  
(INCLUDING COVERSHEET)

**MESSAGE:** Attached is an Issue Fee Transmittal (in duplicate) for USSN 10/661,042; Attorney Docket No. TS02-096.

NOTE: Original will not follow

CONFIDENTIALITY NOTICE

THIS FACSIMILE TRANSMISSION IS PRIVILEGED AND CONFIDENTIAL AND IS INTENDED ONLY FOR THE REVIEW OF THE PARTY TO WHOM IT IS ADDRESSED. IF YOU HAVE RECEIVED THIS TRANSMISSION IN ERROR, PLEASE IMMEDIATELY TELEPHONE THE SENDER ABOVE TO ARRANGE FOR ITS RETURN, AND IT SHALL NOT CONSTITUTE WAIVER OF THE ATTORNEY-CLIENT PRIVILEGE.

If there is a problem with this transmission, please call us as soon as possible at 215.979.1021.

PH11524134.1